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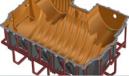
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Introduction

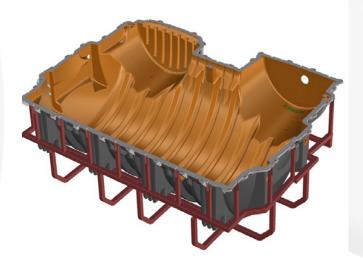
Tanks



Rotational moulding offers great flexibility in the manufacturing of tanks and containers for liquids. It can be used for producing hollow items of almost any shape from simple (such as cylindrical containers) to more complex geometry. Rotational moulding also allows to produce containers in different sizes from big to small.

Rotomoulded tanks can be colored throughout the mass, made in limited quantities or massproduced. Rotational moulding allows metal or plastic inserts to be co-moulded into the tanks. These inserts must be made of high thermal conductivity materials and have a geometry ensuring efficient gripping.

By using movable inserts it is also possible to create (male and female) threads directly into the moulded part.







Applications 2

Rototec

KITank

KITank is a click lid tank made of linear lowdensity polyethylene (LLDPE) with inspection screw cap and vent for outdoor use.
KITank can withstand outside temperatures from – 20 °C to + 80 °C, does not degrade over time and the materials used guarantee excellent reliability in terms of corrosion and oxidation. Its monobloc construction makes it tough and sturdy as there are no weld points that could weaken parts subject to internal stresses. If required during installation, holes can be drilled at suitable points.
Being relatively lightweight, KITtank can be easily moved. It is also much cheaper than metal, concrete or fiberglass tanks.

Link: www.rototec.it







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SDT

Applications 3

Tini

SDT containers are made of polyethylene and have a capacity from 30 to 1,500 liters.

Lightweight and sturdy, they can store acids, alkalis and chemical compounds.

They come with a wide range of optional accessories (overfill prevention devices, valves, etc.) and PVC pipes if used as brine tanks for water softeners. All models come with a lid.

Link: www.sdt-rotomoulding.com

Applications 4



Telcom



Aquarius

H2O tanks have been manufactured using masterbatch-dyed polymers added with UV light stabilizers. These tanks are colored throughout the mass and stand out for their marine green and terracotta nuances of lower visual impact. Suitable for aboveground installation, they withstand exposure to direct sunlight. Thanks to their monobloc construction and wall thickness, H2O tanks feature remarkable toughness, high thermal resistance (from -60°C to +80°C) and can store liquids with (non-continuous) peaks from -10°C to + 50°C. H2O tanks are suitable for food storage, are 100% recyclable and guaranteed to be cadmium-free and antialgae.

Link: www.telcomitalia.eu









Applications

Acerbis

Tanks

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Acerbis has been coloring and protecting the two-wheel world since 1973. Our range of products includes plastic articles, protection equipment, clothing, helmets, boots and all accessories that allow bikers to live their passion in the best possible way.

Acerbis sells its products in 92 countries and operates six branches outside Italy. It sponsors a number of motorcycle racing events and can boast prestigious customers such as Honda, BMW, Yamaha, Ducati and KTM.

Tanks are rotomoulded using a wide range of polymersincluding liquid nylon. New developments in rotational moulding include the use of electrically heated moulds for a better process control.

Link: www.acerbis.it









Russian trucks

Rototech has signed a joint-venture agreement with Center-Capital CJSC, a general leasing operator, to manufacture plastic components in Russia for Kamaz, an industrial vehicle manufacturer.

Newly-founded Rototek-Kama has a new production facility at the Master industrial park in Naberezhnye Chelny.

Plastic components such as fuel tanks, engine air intake hoses and tanks for the Eastern European market are manufactured in the Russian factory.

Link: www.rototech.it











Mouldings 7

Rotational moulding

Founded in 1999 Moulding Service is a dynamic company offering a broad range of products thanks to the combination of a thirtyyear experience in rotational moulding and highlyqualified technical skills.

Since its foundation Moulding Service has adopted an environment-friendly approach. All phases of the production process and the mode of operation of all machines and exhaust fans are regularly checked so as to dramatically reduce the constantly monitored emissions released into the atmosphere. Moreover both raw materials and finished parts are recyclable allowing all products to be safely and reliably disposed of and users to rely on a safe certified process.

Link: www.mouldingservice.it







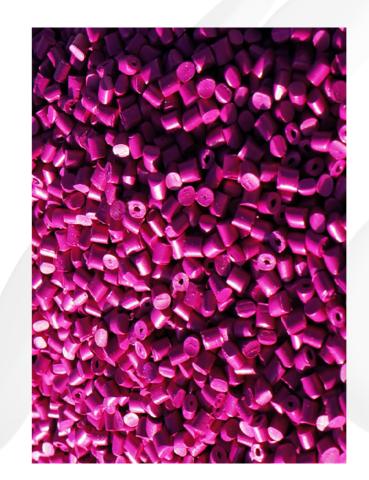
Research

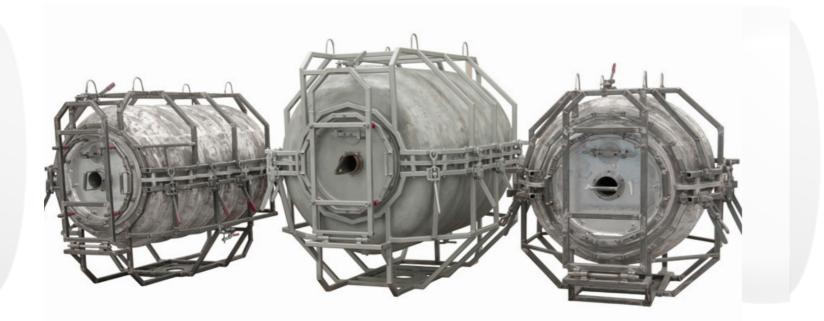
One of the primary corporate targets of Tecnomodel has always been continuous technological research to allow customers to benefit from its achievements.

Tecnomodel has not only upgraded computer programs and machines that is an unavoidable necessity, but it has always been determined to invest in human resources so as to improve the technical skills of each employee and consequently the company's know-how that is presently the most important resource at Tecnomodel.

The development of technologies aimed at meeting customer requirements has allowed Tecnomodel to become a flexible responsive company. We want to be a reliable partner rather than a mere product supplier for all our customers.

Link: www.tecnomodel.com







Sivipol

Polymers 9

Sivilene

Thanks to a thirty-year experience in plastic materials, Sivipol is a young, dynamic, flexible company that started producing powders for the rotational moulding, masterbatch production and textile industry a few years ago. A wide range of products in a variety of densities and particle sizes is available.

Sivipol can also produce any kind of colors including antique colors.

Over the past few years rotational moulding has become more and more important thanks to the high number of sectors where it can find application and to its potential for development.

And this is exactly the reason why Sivipol product range includes SMLENE, a powdered polyethylene (LLDPE, metallocene LLDPE, HDPE) that can be adapted to customer requirements.

Link: www.sivipol.it



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(🗙) A. Schulman

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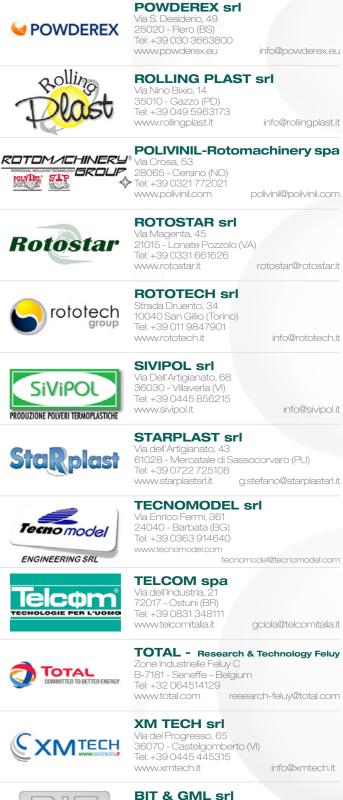




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